

CLAIMS

1. A paper making machine fabric as a woven fabric having a weave pattern which is regularly repeated over the surface with recesses or pockets which are open upwardly, i.e. to the paper supporting side,
 - both with the warp yarns against the weft yarns as well as with the weft yarns against the warp yarns, in contrast to a regular standard woven fabric, in zones spaced over the surface of the fabric, there are at least three overlays in direct sequence, but also three underlays in direct sequence along the respective warp or weft yarns,
 - at the point where a warp yarn overlays at least three weft yarns in direct sequence a weft yarn extends under this warp yarn at least at one raised intersection such that this weft yarn overlaps the adjacent warp yarns,
 - at the point where a weft yarn overlays at least three warp yarns, in direct sequence, a warp yarn extends under this weft yarn at least at one raised intersection point such that this warp yarn overlaps the adjacent weft yarns;
 - said overlays are on the paper supporting side of the fabric.
2. A paper making machine fabric as in claim 1, wherein in the zone of the at least three overlays in direct sequence the outer crossing points are formed as raised crossing points.
3. A paper making machine covering as in claim 1, wherein all the yarns of the fabric are weaved equivalently.
4. A paper making machine covering as in claim 1, wherein the yarns are weaved differently in groups.
5. A paper making machine fabric as in claim 1, wherein the pattern square for a repeating pattern contains respectively eight warp yarns and eight weft yarns and has two types of weft yarns, also wherein:

weft yarn 1 is above warp yarns 1; 3; 5 to 7 and below warp yarns 2; 4; 8;

weft yarn 2 is above warp yarns 1 to 2; 4; 6; 8 and below warp yarns 3; 5; 7;
 weft yarn 3 is above warp yarns 1; 5; 7 and below warp yarns 2 to 4; 6; 8;
 weft yarn 4 is above warp yarns 2; 4; 6 and below warp yarns 3; 5; 7 to 8; 1;
 weft yarn 5 is above warp yarns 1 to 3; 5; 7 and below warp yarns 4; 6; 8;
 weft yarn 6 is above warp yarns 2; 4 to 6; 8 and below warp yarns 1; 3; 7;
 weft yarn 7 is above warp yarns 1; 3; 5 and below warp yarns 2; 4; 6 to 8;
 weft yarn 8 is above warp yarns 2; 6; 8 and below warp yarns 1; 3 to 5; 7.

6. A paper making machine fabric as in claim 1, wherein the weft yarns and the warp yarns which form the three overlays in direct sequence are in part ground in planar form from the paper supporting side.
7. A tissue paper which can be obtained by the use of a paper making machine fabric as in claim 1.
8. A tissue paper according to claim 7, wherein there are at least two different types of non-compressed zones with different form and/or size.
9. A tissue paper according to claim 8, wherein the non-compressed zones have no or at least one creping fold.
10. A tissue paper according to claim 8, wherein the non-compressed zones are surrounded by compressed zones.
11. A tissue paper according to claim 8, wherein the non-compressed zones are square.
12. A tissue paper according to claim 10, wherein the arrangement of the compressed zones is the same in one first direction and in the direction $90^\circ (\pm 10^\circ)$ to the first direction.
13. A tissue paper according to claim 8, wherein the non-compressed zones are rectangles with a side ratio of 0.7 to 1.4.
14. A tissue paper according to claim 8, wherein the various types of non-compressed zones alternate in machine direction (MD) and/or cross-machine direction (CD).
15. A tissue paper according to claim 9, wherein the number of creping folds per non-compressed zone differs between the different types of non-compressed zones.

16. A tissue paper according to claim 9, wherein all non-compressed zones of a certain type have the same number of creping folds.
17. A tissue paper according to claim 9, wherein all non-compressed zones contain creping folds.
18. A tissue paper according to claim 9, wherein at least one type of non-compressed zones does not contain any creping fold.
19. A tissue paper according to claim 9, wherein small non-compressed zones have no creping fold and bigger ones combined with the smaller ones have two creping folds.
20. A tissue paper according to claim 8, wherein the creping folds have different length in different types of non-compressed zones.
21. A tissue paper according to claim 8, wherein the distance in machine direction (MD) and/or cross-machine direction (CD) from one compressed zone to another compressed zone differs in length.
22. A tissue paper according to claim 8, wherein two compressed zones are always parallel to one another.
23. A tissue paper according to claim 8, wherein two compressed zones are parallel to one another in machine direction (MD).
24. A tissue paper according to claim 8, wherein there is an overlap of the compressed zones in machine direction (MD) and this preferably by up to 20 %.
25. A tissue paper according to claim 8, wherein the ratio of the length of creping folds in machine direction (MD) to the distance of the creping folds in machine direction (MD) is always the same.
26. A tissue paper according to claim 8, wherein all creping folds in one type of non-compressed zones have the same length in machine direction (MD).
27. A tissue paper according to claim 26, wherein the length of the creeping fold is about 80 to 120 % of the average length of a creping fold.

28. A tissue paper according to claim 7, wherein the paper making machine fabric is used in a through-air drying zone of a paper making machine.